Up to GR 4

What Should I Focus on prepare well?

1. Multiplication
2. Division
3. Telling Time
4. How to Read Big Numbers
5. Forms For writting Numbers
6. Place value & Value
7. Units of Length
8. Area & Perimeter
9. Story Problems
10. Estimation by front end Strategy
11. Round to the nearest 10 & 100
12. Adding & Subtracting Big numbers with Regrouping

M.S/Fatma Saber

Online MATH Teacher

D.M.RAZK موقع الدكتور محمد رزق معلم الكيمياء التعليمي

PLACE VALUE & VALUE

For 4, 5 & 6 Digits

SIMPLE SUMMARY

- **Place Value**
  → The name of the place.
- **Value**
  → The value of the digit.

PLACE VALUE CHART	
Hundred Thousands	100,000
Ten Thousands	10,000
Thousands	1,000
Hundreds	100
Tens	10
Ones	1

EXAMPLE

Number: 582,614

- Place Value of 2 → Thousands
- Value of 2 → 2,000

- Place Value of 6 → Hundreds
- Value of 6 → 600

A Complete the table.

	Number	Digit	Place Value	Value
1	47,216	7		
2	385,742	5		
3	604,281	2		
4	92,635	6		
5	714,906	4		
6	193,875	9		
7	826,304	6		
8	510,729	1		
9	428,165	8		
10	763,810	3		

B Write the Place Value.

1. The place value of 5 in 52,816 is _____
2. The place value of 9 in 193,842 is _____
3. The place value of 4 in 604,281 is _____
4. The place value of 2 in 72,635 is _____
5. The place value of 7 in 817,243 is _____
6. The place value of 6 in 386,174 is _____
7. The place value of 1 in 510,729 is _____
8. The place value of 8 in 428,165 is _____
9. The place value of 3 in 763,810 is _____
10. The place value of 4 in 914,602 is _____

C Write the Value.

1. The value of 6 in 36,274 is _____
2. The value of 8 in 248,915 is _____
3. The value of 5 in 95,731 is _____
4. The value of 2 in 721,863 is _____
5. The value of 1 in 184,352 is _____
6. The value of 3 in 693,128 is _____
7. The value of 7 in 507,246 is _____
8. The value of 9 in 814,509 is _____
9. The value of 4 in 420,865 is _____
10. The value of 6 in 906,314 is _____

D Choose the correct answer.

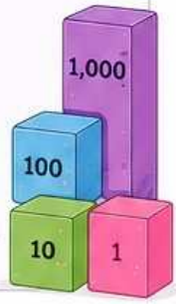
1. The place value of 8 in 384,216 is
   A Hundreds B Ten Thousands C Thousands
2. The value of 3 in 63,428 is
   A 3,000 B 300 C 30
3. The place value of 1 in 814,539 is
   A Ten Thousands B Thousands C Hundreds
4. The value of 7 in 572,916 is
   A 70,000 B 700 C 7,000
5. The place value of 6 in 194,862 is
   A Ten Thousands B Thousands C Hundreds
6. The value of 2 in 402,587 is
   A 2,000 B 200 C 20

E Circle the correct answer.

1. The value of 5 in 356,814
   A 50,000 B 5,000 C 500
2. The place value of 6 in 264,931
   A Ten Thousands B Hundreds C Thousands
3. The value of 1 in 781,265
   A 1,000 B 100 C 10
4. The place value of 2 in 429,581
   A Ten Thousands B Thousands C Hundreds
5. The value of 9 in 694,218
   A 90,000 B 9,000 C 900
6. The place value of 7 in 407,351
   A Thousands B Hundreds C Tens

F Write the number.

1. The digit 4 has a value of 40,000.
   Number: _____
2. The digit 8 has a value of 800.
   Number: _____
3. The digit 3 has a value of 3,000.
   Number: _____
4. The digit 7 is in the Thousands place.
   Number: _____
5. The digit 2 is in the Hundreds place.
   Number: _____
6. Write any 6-digit number where:
   - the digit 6 has a value of 60,000 → _____
   - the digit 3 is in the Ones place → _____



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D.M.RAZK موقع الدكتور محمد رزق معلم الكيمياء التعليمي

FORMS FOR WRITING NUMBERS

For 4 , 5 & 6 Digits

SIMPLE SUMMARY

STANDARD FORM

Write the number using digits.

Example:

324,518

WORD FORM

Write the number in words.

Example:

Three hundred twenty-four thousand, five hundred eighteen

EXPANDED FORM

Write the value of each digit as addition.

Example:

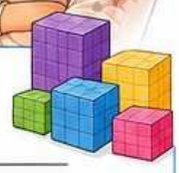
300,000 + 20,000 + 4,000 + 500 + 10 + 8

PLACE VALUE CHART	
Hundred Thousands	100,000
Ten Thousands	10,000
Thousands	1,000
Hundreds	100
Tens	10
Ones	1

A Write the Expanded Form.

1. 4,526 = _____
2. 38,145 = _____
3. 406,218 = _____
4. 72,409 = _____
5. 915,360 = _____
6. 580,124 = _____

B Write the Standard Form.



1. 4,000 + 600 + 20 + 5 = _____
2. 30,000 + 8,000 + 500 + 40 + 2 = _____
3. 500,000 + 20,000 + 7,000 + 900 + 60 + 1 = _____
4. 700,000 + 40,000 + 3,000 + 200 + 8 = _____
5. 90,000 + 5,000 + 100 + 70 + 6 = _____
6. 100,000 + 80,000 + 4,000 + 300 + 20 + 9 = _____

C Write the Word Form.

1. 5,318 = _____
2. 42,705 = _____
3. 318,406 = _____
4. 670,215 = _____
5. 904,082 = _____
6. 125,649 = _____

D Choose the correct answer.

1. Which is the Expanded Form of 63,218?
   - A) 60,000 + 3,000 + 200 + 10 + 8
   - B) 6,000 + 3,000 + 200 + 10 + 8
   - C) 60,000 + 300 + 20 + 8
2. Which is the Standard Form?
   - A) 400,000 + 50,000 + 2,000 + 100 + 30 + 6
   - B) 452,136
   - C) 425,136
3. Which is the Word Form of 81,509?
   - A) Eighty-one thousand, five hundred nine
   - B) Eight thousand, one hundred fifty-nine
   - C) Eighty-one thousand, fifty-nine
4. Which is the Expanded Form of 204,315?
   - A) 200,000 + 4,000 + 300 + 10 + 5
   - B) 20,000 + 4,000 + 300 + 10 + 5
   - C) 200,000 + 40,000 + 300 + 10 + 5

E Complete the table.

	Standard Form	Expanded Form	Word Form
1	54,218		
2	307,125		
3	96,430		
4	618,204		

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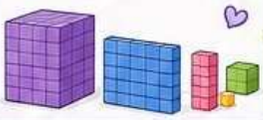
FORMS FOR WRITING NUMBERS

Expanded Form | Word Form | Standard Form | Unit Form

For 4, 5 & 6 Digits

SIMPLE SUMMARY

Form	Example
Standard Form	425,318
Word Form	Four hundred twenty-five thousand, three hundred eighteen
Expanded Form	400,000 + 20,000 + 5,000 + 300 + 10 + 8
Unit Form	4 hundred thousands + 2 ten thousands + 5 thousands + 3 hundreds + 1 ten + 8 ones



A Complete the table.

	Standed Form	Expanded Form	Word Form	Unit Form
1	46,218			
2	305,471			
3	81,530			
4	624,109			

B Write the Expanded Form.

1. 52,418 = _____
2. 307,265 = _____
3. 94,031 = _____
4. 615,482 = _____
5. 780,150 = _____
6. 408,329 = _____

C Write the Standard Form.

1. 50,000 + 4,000 + 700 + 20 + 8 = _____
2. 300,000 + 60,000 + 5,000 + 400 + 9 = _____
3. 90,000 + 2,000 + 100 + 40 + 6 = _____
4. 700,000 + 30,000 + 900 + 10 + 5 = _____
5. 400,000 + 8,000 + 200 + 1 = _____

D Write the Unit Form.

1. 482,316 = _____
2. 65,204 = _____
3. 307,018 = _____
4. 914,560 = _____
5. 128,403 = _____

E Write the Word Form.

1. 52,406 = _____
2. 418,209 = _____
3. 70,135 = _____
4. 905,612 = _____
5. 236,480 = _____

F Choose the correct answer.

1. Which is the Expanded Form of 45,216?
   - (A) 40,000 + 5,000 + 200 + 10 + 6
   - (B) 4,000 + 5,000 + 200 + 10 + 6
   - (C) 40,000 + 500 + 200 + 10 + 6
2. Which is the Unit Form of 324,518?
   - (A) 3 hundred thousands + 2 ten thousands + 4 thousands + 5 hundreds + 1 ten + 8 ones
   - (B) 3 hundred thousands + 4 ten thousands + 2 thousands + 5 hundreds + 1 ten + 8 ones
   - (C) 3 hundred thousands + 2 thousands + 4 hundreds + 5 tens + 8 ones
3. Which number is written in Standard Form?
   - (A) Four hundred twelve thousand, six hundred five
   - (B) 412,605
   - (C) 400,000 + 10,000 + 2,000 + 600 + 5

CHALLENGE

1. Write a 6-digit number whose Expanded Form is:

   500,000 + 70,000 + 4,000 + 200 + 10 + 8

   Number = _____

2. Write any 5-digit number and then write:
   - Standard Form _____
   - Expanded Form _____
   - Word Form _____
   - Unit Form _____

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D.M.RAZK موقع الدكتور محمد رزق معلم الكيمياء التعليمي

COMPARING & ORDERING NUMBERS

For 4, 5 & 6 Digits

SIMPLE SUMMARY

Compare Numbers

- Compare the greatest place value first.
- If they are equal, compare the next place.

Remember

When forming the smallest number, 0 cannot be the first digit.

A Compare the numbers. Put (> , < , =)

1	45,218	☐	45,281
2	307,415	☐	307,145
3	92,608	☐	92,680
4	518,204	☐	518,240
5	701,852	☐	701,825
6	635,419	☐	635,419
7	89,630	☐	90,125
8	420,581	☐	402,581

B Arrange from the smallest to the greatest.

1. 45,812 , 46,128 , 45,281 _____
2. 305,814 , 350,184 , 308,514 _____
3. 92,516 , 91,625 , 92,156 _____
4. 615,280 , 651,208 , 612,850 _____

C Arrange from the greatest to the smallest.

1. 84,521 , 84,125 , 85,214 _____
2. 410,258 , 401,825 , 418,205 _____
3. 97,420 , 94,720 , 97,240 _____
4. 600,415 , 650,104 , 605,140 _____

D Form the greatest number.

Use each digit once.

1. 5 - 8 - 2 - 1 → ☐
2. 9 - 4 - 7 - 3 - 1 → ☐
3. 6 - 0 - 5 - 8 - 2 → ☐
4. 3 - 8 - 9 - 1 - 5 - 2 → ☐

E Form the smallest number.

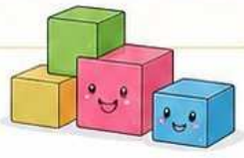
Use each digit once.

1. 5 - 8 - 2 - 1 → ☐
2. 9 - 4 - 7 - 3 - 1 → ☐
3. 6 - 0 - 5 - 8 - 2 → ☐
4. 3 - 8 - 9 - 1 - 5 - 2 → ☐

☆ **Remember:** The smallest number cannot start with 0.

F Choose the correct answer.

1. Which number is greater?
   (A) 425,318 (B) 425,381
2. Which number is smaller?
   (A) 630,415 (B) 603,415
3. Arrange from the smallest to the greatest.
   (A) 45,126 – 45,162 – 46,125
   (B) 45,162 – 45,126 – 46,125
   (C) 46,125 – 45,162 – 45,126
4. The greatest number using the digits 8, 4, 1, 6 is:
   (A) 8641 (B) 8461 (C) 6841
5. The smallest number using the digits 9, 5, 0, 2 is:
   (A) 2059 (B) 0259 (C) 2590



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THE GREATEST & THE SMALLEST NUMBERS

For 4, 5 & 6 Digits

Remember

- To form the **GREATEST** number, use the biggest digits and arrange them in descending order.
- To form the **SMALLEST** number, use the smallest digits and arrange them in ascending order.

A FOUR DIGITS

The Greatest 4 Digits number	The Greatest 4 Different Digits number	The Smallest 4 Digits number	The Smallest 4 Same Digits number	The Smallest 4 Different Digits number
9999	9876	1000	1111	1023
(Using the same digit)	(Descending order)	(1 followed by zeros)	(Using the same digit)	(Ascending order without 0 first)

B FIVE DIGITS

The Greatest 5 Digits number	The Greatest 5 Different Digits number	The Smallest 5 Digits number	The Smallest 5 Same Digits number	The Smallest 5 Different Digits number
99999	98765	10000	11111	10234
(Using the same digit)	(Descending order)	(1 followed by zeros)	(Using the same digit)	(Ascending order without 0 first)

C SIX DIGITS

The Greatest 6 Digits number	The Greatest 6 Different Digits number	The Smallest 6 Digits number	The Smallest 6 Same Digits number	The Smallest 6 Different Digits number
999999	987654	100000	111111	102345
(Using the same digit)	(Descending order)	(1 followed by zeros)	(Using the same digit)	(Ascending order without 0 first)

D Complete the table.

Digits	The Greatest (all same)	The Greatest (all different)	The Smallest (1 & zeros)	The Smallest (all same)	The Smallest (all different)
4 Digits	_____	_____	_____	_____	_____
5 Digits	_____	_____	_____	_____	_____
6 Digits	_____	_____	_____	_____	_____

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THE GREATEST & THE SMALLEST NUMBER

For 4, 5 & 6 Digits

REMEMBER

1. To form the **GREATEST** number:
   - Arrange the digits in descending order (from the greatest to the smallest).
2. To form the **SMALLEST** number:
   - Arrange the digits in ascending order (from the smallest to the greatest).
   - The first digit cannot be 0.

EXAMPLES

FOUR DIGITS
- Digits: 4, 2, 7, 1
  Greatest = 7,421
  Smallest = 1,247

FIVE DIGITS
- Digits: 3, 6, 0, 9, 2
  Greatest = 96,320
  Smallest = 20,369

SIX DIGITS
- Digits: 8, 1, 0, 7, 5, 3
  Greatest = 875,310
  Smallest = 103,578

A Form the GREATEST and the SMALLEST 4-DIGIT number.

1 Different digits	2 With the same digits	3 Without repeating digits
Digits: 3, 6, 1, 9	Digits: 4, 4, 2, 7	Digits: 0, 8, 5, 2
Greatest = _____	Greatest = _____	Greatest = _____
Smallest = _____	Smallest = _____	Smallest = _____

B Form the GREATEST and the SMALLEST 5-DIGIT number.

1 Different digits	2 With the same digits	3 Without repeating digits
Digits: 7, 3, 0, 9, 2	Digits: 5, 5, 1, 1, 6	Digits: 0, 4, 8, 2, 7
Greatest = _____	Greatest = _____	Greatest = _____
Smallest = _____	Smallest = _____	Smallest = _____

C Form the GREATEST and the SMALLEST 6-DIGIT number.

1 Different digits	2 With the same digits	3 Without repeating digits
Digits: 6, 1, 9, 0, 3, 8	Digits: 2, 2, 7, 7, 1, 1	Digits: 0, 3, 5, 8, 2, 7
Greatest = _____	Greatest = _____	Greatest = _____
Smallest = _____	Smallest = _____	Smallest = _____

D Choose the correct answer.

1. The greatest 4-digit number using the digits 5, 1, 0, 7 is:
   A 7,510 B 7,501 C 7,105
2. The smallest 4-digit number using the digits 5, 1, 0, 7 is:
   A 1,057 B 1,507 C 5,107
3. The greatest 5-digit number using the digits 2, 6, 0, 9, 4 is:
   A 96,420 B 94,620 C 64,920
4. The smallest 5-digit number using the digits 2, 6, 0, 9, 4 is:
   A 20,469 B 24,609 C 2,0469
5. The greatest 6-digit number using the digits 1, 0, 4, 7, 3, 8 is:
   A 874,310 B 874,301 C 843,710
6. The smallest 6-digit number using the digits 1, 0, 4, 7, 3, 8 is:
   A 103,478 B 134,078 C 1,04378

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SUBTRACTION WITH REGROUPING

for 4, 5 & 6 Digits

REMEMBER

If the top digit is smaller than the bottom digit:

- Borrow 1 from the next place.
- The borrowed digit becomes 10.
- If it was 2, it becomes 12.
- The next digit decreases by 1.
- If it was 1, it becomes 0.
- If it was 3, it becomes 2.

EXAMPLE:

$$\begin{array}{r} {}^{2}\,{}^{12} \\ 3\ \ 2 \\ -\ 1\ \ 6 \\ \hline 1\ \ 6 \end{array}$$

A 4-DIGIT SUBTRACTION WITH REGROUPING

1) 7563 − 2875	2) 6482 − 1976	3) 8057 − 3689	4) 9246 − 4787	5) 5739 − 2648
6) 6035 − 2786	7) 9172 − 5864	8) 4286 − 1979	9) 8304 − 6578	10) 7628 − 3849
11) 5207 − 3489	12) 6931 − 2576	13) 7415 − 4687	14) 9086 − 3978	15) 6370 − 2895

B 5-DIGIT SUBTRACTION WITH REGROUPING

1) 86473 − 27568	2) 73952 − 18679	3) 91864 − 36785	4) 62708 − 29469	5) 54827 − 19738
6) 68321 − 27486	7) 97250 − 63874	8) 70648 − 39679	9) 85176 − 46898	10) 67932 − 28575
11) 53681 − 17962	12) 94275 − 58639	13) 80793 − 38648	14) 61826 − 29378	15) 75904 − 46875

C 6-DIGIT SUBTRACTION WITH REGROUPING

1) 786542 − 297685	2) 946821 − 375938	3) 637419 − 286754	4) 852763 − 468947	5) 709836 − 357968
6) 684075 − 296879	7) 937628 − 485796	8) 576389 − 394765	9) 826541 − 478653	10) 748526 − 167947
11) 609372 − 387658	12) 815627 − 467896	13) 924813 − 568764	14) 673958 − 284679	15) 518764 − 296857

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ADDITION WITH REGROUPING

for 4, 5 & 6 Digits

Remember

If the sum of a column is 10 or more, regroup (carry) 1 ten to the next column.

Example:

```
  ①
  2 7
+ 1 5
-------
  4 2
```

A 4-DIGIT ADDITION WITH REGROUPING

1.
```
  2 4 7 5
+ 1 8 6 7
---------
```

2.
```
  5 6 3 8
+ 2 7 4 9
---------
```

3.
```
  4 8 6 7
+ 3 5 7 8
---------
```

4.
```
  6 7 2 9
+ 1 9 8 6
---------
```

5.
```
  3 9 8 5
+ 4 2 6 7
---------
```

B 5-DIGIT ADDITION WITH REGROUPING

1.
```
  2 3 6 7 8
+ 1 5 9 4 6
-----------
```

2.
```
  4 8 6 2 9
+ 3 7 2 8 5
-----------
```

3.
```
  6 7 5 4 1
+ 2 8 9 7 6
-----------
```

4.
```
  3 9 8 7 6
+ 4 6 5 9 8
-----------
```

5.
```
  5 6 7 8 9
+ 2 3 7 6 5
-----------
```

C 6-DIGIT ADDITION WITH REGROUPING

1.
```
  2 5 3 6 7 8
+ 1 7 8 9 4 6
-------------
```

2.
```
  4 6 7 8 5 2
+ 2 6 9 7 3 8
-------------
```

3.
```
  6 3 8 4 2 7
+ 1 9 5 6 8 9
-------------
```

4.
```
  3 9 7 6 5 4
+ 2 8 7 9 6 8
-------------
```

5.
```
  5 7 6 3 8 9
+ 3 9 4 7 6 5
-------------
```

6.
```
  7 4 8 5 2 6
+ 1 6 7 9 4 7
-------------
```

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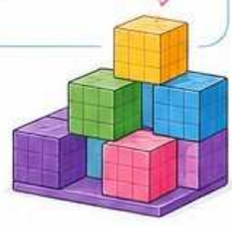


D.M.RAZK موقع الدكتور محمد رزق معلم الكيمياء التعليمي

STORY PROBLEMS

Addition & Subtraction

4-Digit & 5-Digit Numbers

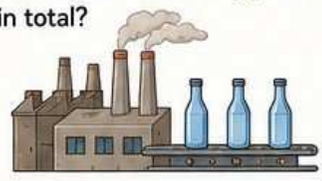
M.S/Fatma Saber
Online MATH Teacher

A) Addition Story Problems

1 A school has 4,586 books in the library. They buy 2,734 more books. How many books does the library have now?

Answer: _____

2 A factory produced 12,345 bottles on Monday and 23,456 bottles on Tuesday. How many bottles did the factory produce in total?



Answer: _____

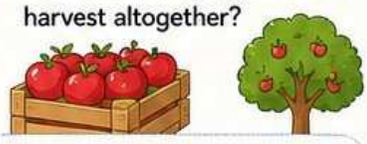
3 In a zoo, there are 15,267 visitors in the morning and 18,945 visitors in the afternoon. How many visitors are there in total?

Answer: _____

4 A shop sold 34,567 pencils in January and 45,321 pencils in February. How many pencils did the shop sell in total?

Answer: _____

5 A farmer harvested 21,876 apples from one field and 33,124 apples from another field. How many apples did he harvest altogether?



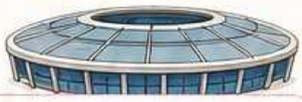
Answer: _____

6 A company has 56,789 markers in one box and 12,345 markers in another box. How many markers does the company have in total?

Answer: _____

B) Subtraction Story Problems

1 A stadium has 58,765 seats. There are 23,456 people at the event. How many seats are empty?



Answer: _____

2 A company had 67,890 items in stock. They sold 45,678 items. How many items are left in stock?

Answer: _____

3 A train traveled 89,654 km in the morning. It traveled 36,789 km more in the afternoon. How many kilometers did it travel in the afternoon?

Answer: _____

4 There are 75,432 balloons at a fair. At the end of the day, 28,341 balloons are left. How many balloons were sold or given away?

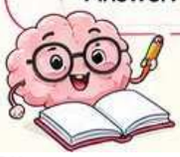
Answer: _____

5 A library had 92,516 books. They removed 47,289 old books. How many books are still in the library?

Answer: _____

6 A supermarket had 63,750 kg of rice bags. They sold 24,875 kg of rice bags. How many kilograms of rice bags are left?

Answer: _____



Think + Solve − Smile 😊

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TIME TABLES (0–10)

COMPLETE.

FUNNY MATH with Miss Fatma

1	0	×	8	=	_____	26	8	×	8	=	_____
2	1	×	9	=	_____	27	10	×	10	=	_____
3	2	×	4	=	_____	28	7	×	3	=	_____
4	3	×	5	=	_____	29	5	×	9	=	_____
5	4	×	6	=	_____	30	1	×	10	=	_____
6	5	×	7	=	_____	31	0	×	5	=	_____
7	6	×	8	=	_____	32	2	×	7	=	_____
8	7	×	9	=	_____	33	3	×	8	=	_____
9	8	×	10	=	_____	34	4	×	9	=	_____
10	9	×	3	=	_____	35	5	×	10	=	_____
11	10	×	6	=	_____	36	6	×	4	=	_____
12	4	×	8	=	_____	37	7	×	7	=	_____
13	2	×	9	=	_____	38	8	×	2	=	_____
14	6	×	5	=	_____	39	9	×	6	=	_____
15	7	×	4	=	_____	40	10	×	8	=	_____
16	8	×	3	=	_____	41	3	×	3	=	_____
17	9	×	9	=	_____	42	4	×	4	=	_____
18	10	×	2	=	_____	43	5	×	6	=	_____
19	1	×	7	=	_____	44	6	×	9	=	_____
20	5	×	5	=	_____	45	7	×	10	=	_____
21	3	×	10	=	_____	46	8	×	5	=	_____
22	4	×	7	=	_____	47	9	×	2	=	_____
23	6	×	6	=	_____	48	10	×	1	=	_____
24	2	×	8	=	_____	49	2	×	10	=	_____
25	9	×	4	=	_____	50	1	×	0	=	_____

1 2 3 × ÷ I CAN DO IT! 8 9 10

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TIME TABLES (0-10)

FUNNY MATH with Miss Fatma

FILL IN THE MISSING NUMBER.

1	6	×		=	24	26	9	×		=	81
2		×	9	=	45	27		×	6	=	48
3	8	×		=	32	28	3	×		=	12
4		×	7	=	49	29		×	8	=	40
5	5	×		=	35	30	7	×		=	63
6		×	3	=	21	31		×	5	=	20
7	9	×		=	63	32	4	×		=	16
8		×	6	=	36	33		×	10	=	30
9	4	×		=	24	34	2	×		=	14
10		×	8	=	56	35		×	7	=	42
11	7	×		=	28	36	6	×		=	54
12		×	2	=	20	37		×	9	=	36
13	3	×		=	27	38	8	×		=	16
14		×	10	=	70	39		×	4	=	28
15	10	×		=	90	40	5	×		=	45
16		×	5	=	30	41		×	2	=	16
17	2	×		=	18	42	10	×		=	100
18		×	4	=	36	43		×	3	=	15
19	8	×		=	64	44	7	×		=	21
20		×	9	=	72	45		×	6	=	24
21	5	×		=	25	46	9	×		=	18
22		×	7	=	56	47		×	8	=	64
23	6	×		=	42	48	4	×		=	12
24		×	3	=	24	49		×	1	=	9
25	1	×		=	10	50	0	×		=	0

0 1 2 3 4 5 Keep Practicing You're Amazing! 6 7 8 9 10

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TIME TABLES (0-10)

MIXED REVIEW

FUNNY MATH with Miss Fatma

Let's Practice and Be Amazing!

A COMPARE.

Put (> , < , =)

1	6 × 7	☐	40
2	8 × 5	☐	42
3	9 × 4	☐	36
4	10 × 6	☐	58
5	7 × 8	☐	60
6	3 × 9	☐	27

B WHICH IS GREATER?

1	5 × 8	or	6 × 6	= _____
2	9 × 4	or	7 × 5	= _____
3	10 × 3	or	8 × 4	= _____
4	6 × 7	or	9 × 5	= _____
5	8 × 8	or	7 × 9	= _____
6	5 × 10	or	6 × 8	= _____

C CHOOSE THE CORRECT ANSWER.

1. 7 × 9 =
   - A 56
   - B 63
   - C 72
2. Which multiplication equals 40?
   - A 5 × 8
   - B 6 × 8
   - C 4 × 9
3. The product of 9 × 6 is
   - A 54
   - B 56
   - C 64
4. Which is true?
   - A 8 × 7 = 54
   - B 8 × 7 = 56
   - C 8 × 7 = 58
5. 10 × 10 =
   - A 10
   - B 100
   - C 90
6. Which multiplication equals 27?
   - A 9 × 3
   - B 8 × 3
   - C 7 × 3

D STORY PROBLEMS.

1. Sara has 6 boxes. Each box has 8 pencils. How many pencils are there? ☐
2. There are 9 tables. Each table has 4 chairs. How many chairs are there? ☐
3. Ali bought 7 packs. Each pack has 5 stickers. How many stickers did he buy? ☐
4. A farmer planted 8 rows with 6 trees in each row. How many trees did he plant? ☐
5. There are 10 shelves. Each shelf has 7 books. How many books are there? ☐
6. A bakery made 9 trays. Each tray has 10 cupcakes. How many cupcakes did they make? ☐

× 0 1 2 3 4 5

Practice Today... Be a Math Star Tomorrow!

6 7 8 9 10 ÷

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DIVISION 8

(2-10)

COMPLETE.

FUNNY MATH
with Miss Fatma ♥

1	12 ÷ 2 =		21	32 ÷ 4 =	
2	18 ÷ 3 =		22	45 ÷ 5 =	
3	20 ÷ 4 =		23	48 ÷ 6 =	
4	25 ÷ 5 =		24	56 ÷ 7 =	
5	18 ÷ 6 =		25	40 ÷ 8 =	
6	14 ÷ 7 =		26	54 ÷ 9 =	
7	16 ÷ 8 =		27	100 ÷ 10 =	
8	18 ÷ 9 =		28	22 ÷ 2 =	
9	20 ÷ 10 =		29	15 ÷ 3 =	
10	10 ÷ 2 =		30	28 ÷ 4 =	
11	21 ÷ 3 =		31	35 ÷ 5 =	
12	24 ÷ 4 =		32	42 ÷ 6 =	
13	30 ÷ 5 =		33	63 ÷ 7 =	
14	36 ÷ 6 =		34	24 ÷ 8 =	
15	49 ÷ 7 =		35	81 ÷ 9 =	
16	64 ÷ 8 =		36	60 ÷ 10 =	
17	72 ÷ 9 =		37	14 ÷ 2 =	
18	90 ÷ 10 =		38	33 ÷ 3 =	
19	16 ÷ 2 =		39	36 ÷ 4 =	
20	27 ÷ 3 =		40	50 ÷ 5 =	

Practice Today...
Be a Math Star Tomorrow! ♥

÷ 2 3 4 5
6 7 8 9 10

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DIVISION (2–10)

MIXED REVIEW

M.S/Fatma Saber
Online MATH Teacher

A Compare. Put (> , < , =)

1	36 ÷ 6	☐	5
2	56 ÷ 8	☐	8
3	42 ÷ 7	☐	5
4	72 ÷ 9	☐	7
5	45 ÷ 5	☐	10
6	20 ÷ 2	☐	8

B Which is Smaller?

1. 24 ÷ 6 or 18 ÷ 3 = _____
2. 56 ÷ 8 or 45 ÷ 5 = _____
3. 40 ÷ 5 or 18 ÷ 2 = _____
4. 63 ÷ 9 or 35 ÷ 5 = _____
5. 81 ÷ 9 or 24 ÷ 4 = _____
6. 64 ÷ 8 or 54 ÷ 6 = _____

C Choose the correct answer.

1. 42 ÷ 6 =
   - ☐ 6
   - ☐ 7
   - ☐ 8
2. 56 ÷ 8 =
   - ☐ 6
   - ☐ 7
   - ☐ 8
3. Which equals 9?
   - ☐ 45 ÷ 5
   - ☐ 54 ÷ 6
   - ☐ 63 ÷ 9
4. 72 ÷ 8 =
   - ☐ 8
   - ☐ 9
   - ☐ 10
5. 30 ÷ 5 =
   - ☐ 5
   - ☐ 6
   - ☐ 7
6. Which equals 8?
   - ☐ 64 ÷ 8
   - ☐ 63 ÷ 9
   - ☐ 54 ÷ 6

D Story Problems.

1. 24 apples are shared equally among 6 children.
   How many apples does each child get? _____

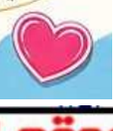
2. 40 pencils are put into 5 boxes equally.
   How many pencils are in each box? _____

3. A teacher has 54 stickers and gives them equally to 6 students.
   How many stickers does each student get? _____

4. 72 candies are shared equally among 8 children.
   How many candies does each child get? _____

5. 63 books are arranged equally on 9 shelves.
   How many books are on each shelf? _____

6. 35 balloons are shared equally among 5 friends.
   How many balloons does each friend get? _____



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COMPLETE BY FRONT END STRATEGY

Front End Strategy is a way to estimate by using only the **leading (front) digits** of the numbers and **ignoring** the rest.

A FOUR DIGITS – Complete using Front End Strategy

1	6754	6	3426	11	6078
2	4328	7	8193	12	4895
3	9861	8	7345	13	9234
4	7029	9	2837	14	3782
5	1567	10	9056	15	5643

B FIVE DIGITS – Complete using Front End Strategy

1	89712	6	56234	11	24680
2	45367	7	31289	12	70356
3	67891	8	76451	13	81023
4	12453	9	98672	14	59874
5	90876	10	13579	15	42109

C SIX DIGITS – Complete using Front End Strategy

1	777323	6	234567	11	678901
2	456789	7	876543	12	321098
3	985672	8	345678	13	890123
4	123456	9	912345	14	543216
5	654321	10	567890	15	708945

Think ★ Solve ★ Smile

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COMPLETE BY NEAREST STRATEGY

Nearest Strategy is a way to round a number to the nearest 10, 100, 1,000, 10,000 ... by looking at the digit next to the place.

If the digit is **0, 1, 2, 3 or 4**, keep the place and change the rest to zeros.

If the digit is **5, 6, 7, 8 or 9**, add **1** to the place and change the rest to zeros.

COMPLETE BY NEAREST STRATEGY

A Nearest 10 (Round to the nearest ten)

1 3,567 = _____	6 4,321 = _____	11 6,134 = _____	16 1,456 = _____
2 8,742 = _____	7 2,876 = _____	12 8,559 = _____	17 9,874 = _____
3 1,234 = _____	8 7,654 = _____	13 2,008 = _____	18 5,667 = _____
4 6,789 = _____	9 5,908 = _____	14 4,995 = _____	19 3,333 = _____
5 9,945 = _____	10 3,049 = _____	15 7,777 = _____	20 6,050 = _____

B Nearest 100 (Round to the nearest hundred)

1 3,567 = _____	6 4,321 = _____	11 6,134 = _____	16 1,456 = _____
2 8,742 = _____	7 2,876 = _____	12 8,559 = _____	17 9,874 = _____
3 1,234 = _____	8 7,654 = _____	13 2,008 = _____	18 5,667 = _____
4 6,789 = _____	9 5,908 = _____	14 4,995 = _____	19 3,333 = _____
5 9,945 = _____	10 3,049 = _____	15 7,777 = _____	20 6,050 = _____

C Nearest 1,000 (Round to the nearest thousand)

1 3,567 = _____	6 4,321 = _____	11 6,134 = _____	16 1,456 = _____
2 8,742 = _____	7 2,876 = _____	12 8,559 = _____	17 9,874 = _____
3 1,234 = _____	8 7,654 = _____	13 2,008 = _____	18 5,667 = _____
4 6,789 = _____	9 5,908 = _____	14 4,995 = _____	19 3,333 = _____
5 9,945 = _____	10 3,049 = _____	15 7,777 = _____	20 6,050 = _____

TIPS
- ✓ Look at the digit next to the place.
- ✓ Use the rule to round.
- ✓ Change the rest to zeros.
- ✓ Neat work, smart thinking!

Think ★ Solve ★ Think

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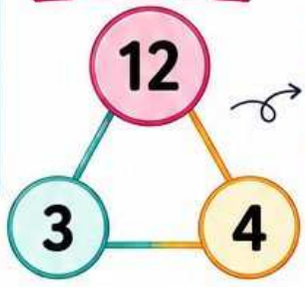
FACT FAMILY

SIMPLE SUMMARY

- The same 3 numbers make 4 number sentences.
- Multiplication (×) and Division (÷) are inverse operations.

× and ÷

EXAMPLE



$3 \times 4 = 12$
$4 \times 3 = 12$
$12 \div 3 = 4$
$12 \div 4 = 3$

A COMPLETE THE FACT FAMILY.

1 Numbers: 2 , 5 , 10

× _____ × _____ = _____
× _____ × _____ = _____
÷ _____ ÷ _____ = _____
÷ _____ ÷ _____ = _____

2 Numbers: 3 , 7 , 21

× _____ × _____ = _____
× _____ × _____ = _____
÷ _____ ÷ _____ = _____
÷ _____ ÷ _____ = _____

3 Numbers: 4 , 8 , 32

× _____ × _____ = _____
× _____ × _____ = _____
÷ _____ ÷ _____ = _____
÷ _____ ÷ _____ = _____

4 Numbers: 6 , 5 , 30

× _____ × _____ = _____
× _____ × _____ = _____
÷ _____ ÷ _____ = _____
÷ _____ ÷ _____ = _____

B CHOOSE THE CORRECT ANSWER.

1 Which fact belongs to the family (4, 9, 36)?

A) $4 \times 9 = 36$
B) $4 \times 8 = 32$
C) $36 \div 6 = 6$

2 Which division fact belongs to the family (7, 8, 56)?

A) $56 \div 8 = 7$
B) $56 \div 7 = 8$
C) Both A & B

3 Which numbers make one Fact Family?

A) 5 , 9 , 45
B) 4 , 6 , 18
C) 3 , 8 , 20

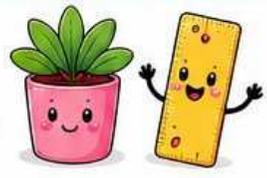
4 $9 \times 6 = 54$

$54 \div 9 =$ _____

A) 5
B) 6
C) 9

Miss Fatma Saber

FUNNY MATH



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READING TIME

Learn • Read • Understand

SIMPLE SUMMARY

- 1 Hour = 60 Minutes
- Half Hour = 30 Minutes
- Quarter Hour = 15 Minutes
- 1 Day = 24 Hours
- 1 Week = 7 Days

A Read the clock and write the digital time.

1	2	3	4	5	6
Clock	Half Past	Quarter Past	Quarter To	Clock	Half Past
:	:	:	:	:	:

B Write the time in words.

1. 4:00 = _____
2. 7:30 = _____
3. 9:15 = _____
4. 10:45 = _____
5. 12:00 = _____
6. 5:30 = _____

C Complete.

1. 2 Hours = _____ Minutes
2. 180 Minutes = _____ Hours
3. 90 Minutes = _____ Hour and _____ Minutes
4. 150 Minutes = _____ Hours and _____ Minutes
5. Quarter Hour = _____ Minutes
6. Half Hour = _____ Minutes
7. 1 Day = _____ Hours
8. 1 Week = _____ Days
9. 3 Hours 20 Minutes = _____ Minutes
10. 4 Hours 45 Minutes = _____ Minutes

D Choose the correct answer.

1. 120 Minutes =
   - A 1 Hour
   - B 2 Hours
   - C 3 Hours
2. 8:15 means
   - A Quarter Past Eight
   - B Half Past Eight
   - C Quarter To Eight
3. 6:45 means
   - A Quarter To Seven
   - B Quarter Past Six
   - C Half Past Six
4. Half Past 9 =
   - A 9:30
   - B 9:15
   - C 9:45
5. Quarter To 5 =
   - A 4:45
   - B 5:15
   - C 5:45

E Draw the hands.

1. 3:00
2. 8:30
3. 10:15
4. 5:45

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FUNNY MATH

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MEASURING LENGTHS

Using m • cm • mm

QUICK SUMMARY

- m (meter) is for long lengths.
- cm (centimeter) is smaller than a meter.
- mm (millimeter) is smaller than a centimeter.

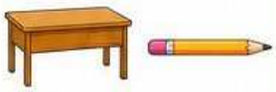
1 m = 100 cm
1 cm = 10 mm

A COMPLETE.

1. 2 m = _____ cm
2. 3 m 50 cm = _____ cm
3. 650 cm = _____ m _____ cm
4. 7 m 20 cm = _____ cm
5. 400 cm = _____ m
6. 25 cm = _____ mm
7. 3 cm 6 mm = _____ mm
8. 80 mm = _____ cm

B CHOOSE THE CORRECT ANSWER.

1. Which is longer?



(A) The desk
(B) The pencil
(C) They are equal

2. How many centimeters in 2 meters?

(A) 20 cm
(B) 200 cm
(C) 2000 cm

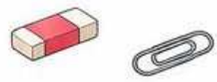
3. 8 cm is equal to how many millimeters?

(A) 80 mm
(B) 800 mm
(C) 8 mm

4. Which is the correct conversion?

(A) 1 m = 10 cm
(B) 1 cm = 10 mm
(C) 1 m = 1000 cm

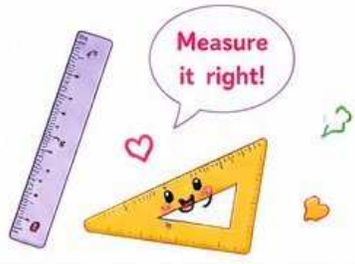
5. Which is shorter?



(A) The eraser
(B) The paperclip
(C) They are equal

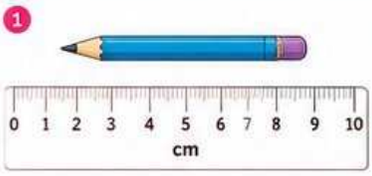
C COMPARE USING > , < OR =.

1. 3 m 20 cm ☐ 320 cm
2. 450 cm ☐ 4 m 50 cm
3. 7 cm ☐ 70 mm
4. 2 m ☐ 199 cm
5. 6 cm 50 mm ☐ 65 mm
6. 1 m 10 cm ☐ 110 cm



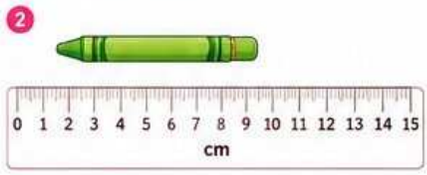
D MEASURE AND WRITE THE LENGTH.

1.



Length = _____ cm

2.



Length = _____ cm

3.

Length = _____ cm

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FUNNY MATH

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MEASURING LENGTHS

m • cm • mm

REMEMBER

MULTIPLY (×)

Convert	Rule
m → cm	× 100
cm → mm	× 10
m → mm	× 1000

DIVIDE (÷)

Convert	Rule
cm → m	÷ 100
mm → cm	÷ 10
mm → m	÷ 1000

EASY RULE

- Smaller Unit → Multiply (×)
- Larger Unit → Divide (÷)

A COMPLETE.

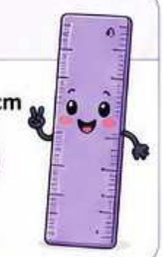
1. 6 m = _____ cm
2. 9 m = _____ mm
3. 80 cm = _____ mm
4. 500 cm = _____ m
5. 120 mm = _____ cm
6. 4000 mm = _____ m

B CHOOSE THE CORRECT ANSWER.

1. 4 m =
   - A) 40 cm
   - B) 400 cm
   - C) 4000 cm
2. 700 mm =
   - A) 70 cm
   - B) 7 cm
   - C) 700 cm
3. 2 m =
   - A) 2000 mm
   - B) 200 mm
   - C) 20 mm
4. 300 cm =
   - A) 30 m
   - B) 3 m
   - C) 3000 m
5. 5 m =
   - A) 50 cm
   - B) 500 cm
   - C) 5000 cm
6. 800 mm =
   - A) 80 cm
   - B) 8 cm
   - C) 800 cm

C COMPARE. Put (> , < , =).

1. 5 m ◯ 500 cm
2. 90 mm ◯ 9 cm
3. 700 cm ◯ 8 m
4. 3 m ◯ 3000 mm
5. 12 cm ◯ 120 mm
6. 450 cm ◯ 5 m



D SOLVE.

1. 2 m + 40 cm = _____ cm

2. 6 m + 200 cm = _____ m

3. 8 cm + 30 mm = _____ mm

4. 4 m + 1000 mm = _____ m

5. 300 cm + 5 m = _____ cm

6. 70 mm + 4 cm = _____ mm

Quick Help!

To a smaller unit
Multiply (×)
m → cm → mm

To a larger unit
Divide (÷)
mm → cm → m

1 m = 100 cm
1 cm = 10 mm
1 m = 1000 mm

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FUNNY MATH

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AREA & PERIMETER OF A SQUARE & RECTANGLE

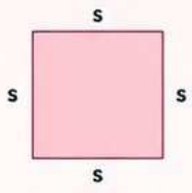
Learn • Practice • Be a Math Star!

IMPORTANT RULES

Perimeter is the distance around a shape.

Area is the amount of space inside a shape.

SQUARE



Perimeter (P) = 4 × s

$P = 4s$

Area (A) = s × s

$A = s^2$

Where s = side

RECTANGLE

Perimeter (P) = 2 × (ℓ + w)

$P = 2(\ell + w)$

Area (A) = ℓ × w

$A = \ell w$

Where ℓ = length
w = width

A Find the Perimeter.

1. 12 cm, 12 cm — P = _____
2. 15 cm, 8 cm — P = _____
3. 9 m, 9 m — P = _____
4. 20 m, 7 m — P = _____

B Find the Area.

1. 16 cm, 16 cm — A = _____
2. 18 cm, 6 cm, 19 cm — A = _____
3. 11 m, 11 m — A = _____
4. 14 m, 9 m — A = _____

C Find the missing side, then find the Perimeter and Area.

1. ?, 13 cm
   s = _____
   P = _____
   A = _____
2. ?, 7 cm, 19 cm
   ℓ = _____
   P = _____
   A = _____
3. ?, 15 m
   s = _____
   P = _____
   A = _____
4. 25 m, ?
   w = _____
   P = _____
   A = _____

D Solve the following problems.

1. A square has a side length of 17 cm.
   Find its perimeter and area.
   P = _____
   A = _____
2. A rectangle has a length of 23 m and a width of 12 m.
   Find its perimeter and area.
   P = _____
   A = _____

E Word Problems

1. The length of a rectangular garden is 18 m and the width is 9 m.
   a) What is the perimeter of the garden?
   _____
   b) What is the area of the garden?
   _____
2. A square tile has a side length of 25 cm.
   a) What is the perimeter of the tile?
   _____
   b) What is the area of the tile?

Miss Fatma Saber

FUNNY MATH

D.M.RAZK موقع الدكتور محمد رزق معلم الكيمياء التعليمي

موقع الدكتور محمد رزق التعليمي

امسح الباركود بالموبيل لتثبيت التطبيق وتحميل كل الملازم مجانا وبسرعه

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موقع الدكتور محمد رزق
Dr.MoRizK